APPLICATION CONTROL IN PEER-TO-PEER

AD-HOC COMMUNICATION NETWORKS

ABSTRACT

A computer system, method, and computer program product for controlling access to an

5   application program in a wireless device connected to an ad-hoc communications network. The

method comprises sending an inquiry message to the network, receiving a response, choosing a

selected application, and examining control parameters associated with the selected application.

The control parameters dictate a behavior of the selected application such as allowing or refusing

communication with the selected application. When a nearby wireless device includes a

10   matching application, connecting the selected application and the matching application further

comprises sending a connection request, receiving connection response, launching the selected

application, and sending a service request. When the selected application closes, the method

further comprises erasing the selected application. To choose the selected application, the

method further comprises retrieving an entry from a distributed application directory or selecting

15   the application based on a priority assigned to the entry.